91-22

United States
Department of
Agriculture

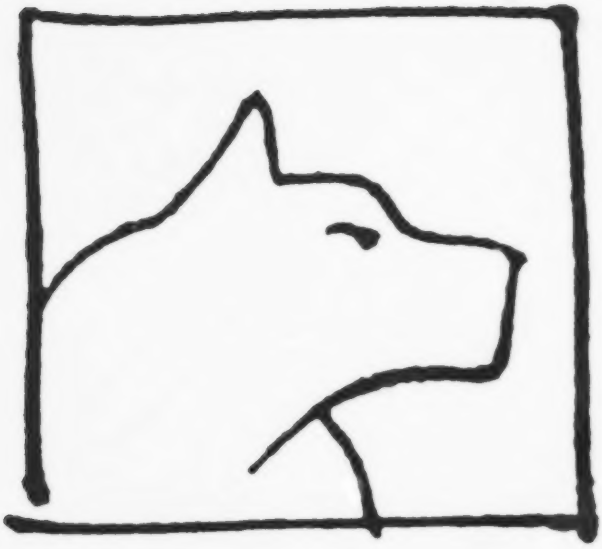
National
Agricultural
Library

Beltsville
Maryland
20705

Sheep and Goat Housing and Facilities

January 1979 - August 1990

QB 91-22
Quick Bibliography Series



READEX FICHE best copy available

A17.8/4:

Bibliographies in the Quick Bibliography Series of the National Agricultural Library, are intended primarily for current awareness, and as the title of the series implies, are not indepth exhaustive bibliographies on any given subject. However, the citations are a substantial resource for recent investigations on a given topic. They also serve the purpose of bringing the literature of agriculture to the interested user who, in many cases, could not access it by any other means. The bibliographies are derived from computerized on-line searches of the AGRICOLA data base. Timeliness of topic and evidence of extensive interest are the selection criteria.

The author/searcher determines the purpose, length, and search strategy of the Quick Bibliography. Information regarding these is available upon request from the author/searcher.

Copies of this bibliography may be made or used for distribution without prior approval. The inclusion or omission of a particular publication or citation may not be construed as endorsement or disapproval.

To request a copy of a bibliography in this series, send the title, series number and self-addressed gummed label to:

U.S. Department of Agriculture
National Agricultural Library
Public Services Division, Room 111
Beltsville, Maryland 20705

Sheep and Goat Housing and Facilities

January 1979 - August 1990

Quick Bibliography Series: QB 91-22

226 Citations from AGRICOLA

Janice C. Swanson
Animal Welfare Information Center

Animal Welfare

National Agricultural Library **Beltsville, Maryland 20705** **November 1990**

National Agricultural Library Cataloging Record:

Swanson, Janice C.
Sheep and goat housing and facilities.
(Quick bibliography series ; 91-22)
1. Sheep – Housing – Bibliography. 2. Goats – Housing – Bibliography. I. Title.
aZ5071.N3 no.91-22

United States Department of Agriculture

National Agricultural Library

Public Services Division

Beltsville, Maryland 20705

DOCUMENT DELIVERY SERVICES TO INDIVIDUALS

The National Agricultural Library (NAL) has a unique responsibility to supply copies of agricultural materials not found elsewhere.

Filling requests for materials readily available from other sources would divert NAL's resources and diminish its ability to serve as a national source for agricultural and agriculturally related materials. Therefore, NAL should be viewed as a library of last resort and individuals should submit requests first to local or state sources prior to sending to NAL. In the United States, possible sources are public libraries, land-grant university or other large research libraries within a state. Individuals in other countries should submit requests through major university, national, or provincial institutions.

If the needed publications are not available from these sources, the requests may be submitted to NAL with a statement indicating their non-availability. Submit one request per page following the instructions for libraries below.

NAL's DOCUMENT DELIVERY SERVICE INFORMATION FOR THE LIBRARY

The following information is provided to assist your librarian in obtaining the required materials.

LOAN SERVICE – Materials in NAL's collection are loaned only to other U.S. libraries. Requests for loans should be made through local public, academic, or special libraries.

The following materials are not available for loan: serials (except USDA serials); rare, reference, and reserve books; microforms; and proceedings of conferences or symposia. Photocopy or microform of non-circulating publications may be purchased as described below.

DOCUMENT DELIVERY SERVICE – Photocopies of articles are available for a fee. Requests must be made through local public, academic, or special libraries. The library should submit a separate interlibrary loan form for each article or item requested. If the citation is from an NAL database (CAIN/AGRICOLA, *Bibliography of Agriculture,* or the NAL Catalog) and the call number is given, that call number should be listed in the proper block on the request form. Willingness to pay charges must be indicated on the form. Compliance with copyright law or a statement that the article is for "research purposes only" must be included on the interlibrary loan form. Requests cannot be processed without these statements.

Charges:

- Photocopy, hard copy of microfilm and microfiche – $5.00 for the first 10 pages or fraction copied from a single article or publication. $3.00 for each additional 10 pages or fraction.
- Duplication of NAL-owned microfilm – $10.00 per reel.
- Duplication of NAL-owned microfiche – $ 5.00 for the first fiche and $ .50 for each additional fiche per title.

Billing – Charges include postage and handling, and are subject to change. Invoices are issued quarterly by the National Technical Information Service (NTIS), 5285 Port Royal Road, Springfield, VA 22161. Requesters are encouraged to establish deposit accounts with NTIS. *DO NOT SEND PREPAYMENT.*

Send Requests to:

USDA, National Agricultural Library
Lending Branch, ILL, 6th Floor
Beltsville, Maryland 20705-2351

Questions concerning these services may be made by correspondence to Head, Lending Branch or by telephone (301) 344-3755.

AGRICOLA

Citations in this bibliography were
entered in the AGRICOLA
database between January 1979
and the present.

SHEEP AND GOAT HOUSING AND FACILITIES

SEARCH STRATEGY

LINE	COMMAND
1.	S sheep or ovin? or ewe? ? or ram? ? or wether? or goat? ? or lamb? ?
2.	S S1 and SH=(L100 or L300 or N100)
3.	S S2 and (hous? or facilit? or struct? or pen? ? or crate? ? or confine? or corral? ?)
4.	RD S3

0001
Adoption crates for grafting orphaned lambs.
Thomas, D.L. ; Lyngstrand, P. Corvallis, Or., The Service. Extension circular - Oregon State University, Extension Service.Oregon State University, Extension Service. Jan 1980. (1001). 4 p. ill. 2 ref. (NAL Call No.: 275.29 OR32C).

0002
Animal husbandry review.
VEANA. Ewer, T.K. London : Scientechnica. The Veterinary annual. Literature review. 1988. v. 28. p. 1-22. ill. Includes references. (NAL Call No.: DNAL 41.8 V6456).

0003
Application of solar energy to the heating of winter places (for sheep). ;tudy of accumulation of heat. Aplicaciones de la energia solar a la calefaccion de invernaderos. Estudio de acumuladores de calor. Spanish.
Bernal, A.A. ; Llinas, D.F.-Caffarena, J.S. Madrid, El Instituto. Comunicaciones I.N.I.A. Serie General - Instituto Nacional de Investigaciones Agrarias. 1981. 1981. (9). 29 p. ill. 15 ref. (NAL Call No.: S253.I53).

0004
Aptitude in milking sheep of the Churro breed by machine. I. Morphological characteristics of their udders. Aptitud al ordeno mecanico en ovejas de raza Churra. I. Caracteristicas morfologicas de la ubre. Spanish.
Purroy Unanua, A. ; Martin Diaz, J.L.-Jurado Garcia, J.J. Madrid : The Instituto. Anales del Instituto Nacional de Investigaciones Agrarias. Serie. Ganadera. 1982. 1982. (16). p. 41-51. ill. Includes references. (NAL Call No.: SF15.S7A5).

0005
Basics of New Zealand-style electric fencing (for sheep protection).
Eidman, K. Waterloo, Wis., Countryside Publications. Countryside. Apr 1980. v. 64 (4). p. 47-49. ill. (NAL Call No.: S521.C62).

0006
Behavior of lambs in typical winter pens in Western Siberia. RUSSIAN.
Terletskii, V.Z. Omsk, Institut. Sbornik nauchnykh rabot SibNIVI - Sibirskii nauchno-issledovatel'skii veterinarnyi institut. 1978. v. 33. p. 111-116. 4 ref. (NAL Call No.: 41.9 OM7).

0007
Behavior of nursing lambs in straw-bedded and expanded metal floor pens.
Brown, D.E. ; Dombrowski, D.-Hinds, F.C. (Champaign, Ill. : distributed by the American Society of Animal Science, 1981). Joint meeting / Canadian Society of Animal Science, Western Branch (and) American Society of Animal Science, Western Section, Vancouver, B.C., Canada, June 23rd-25th, 1981. p. 167-168. 5 ref. (NAL Call No.: SF5.C35 1981).

0008
Behavior of parturient ewes in group-lambing pens with and without cubicles.
Gonyou, H.W. ; Stookey, J.M. Amsterdam : Elsevier Science Publishers B.V. Applied animal behaviour science. July 1985. v. 14 (2). p. 163-171. Includes 14 references. (NAL Call No.: DNAL QL750.A6).

0009
Behaviour of sheep transferred from pasture to an animal house.
Done-Currie, J.R. ; Hecker, J.F.-Wodzicka-Tomaszewska, M. Amsterdam : Elsevier. Applied animal behaviour science. Mar 1984. v. 12 (1/2). p. 121-130. ill. Includes references. (NAL Call No.: QL750.A6).

0010
A Bibliography of farm buildings research. 2nd supplement, 1962-1964 /Agricultural Research Council. --.
London : The Council. 1965-1966. Part 2 (Potato storage) in supplement 1.- Includes indexes. 6 v. ; 25 cm. (NAL Call No.: DNAL Z5074.B985).

0011
Bugle-shaped sheep yards.
Ransom, K. Melbourne, The Department. Agnotes - Melbourne, Dept. of Agriculture. Dec 1979. Dec 1979. (911/79). 4 p. ill. (NAL Call No.: S3.A36).

0012
Capacity for mechanical milking of Karagouniko ewes (Greece): preliminary data on milk production and composition, udder morphology, and milk emission kinetics. Aptitude a la traite mecanique des brebis de race Karagounkio (Grece): donnees preliminaires concernantes la production el la composition du lait, la morphologie des mamelles et la cinetique d'emision du lait. French.
Hatziminaoglou, J. ; Zervas, N.-Sinapis, E.-Hatziminaoglou, P. Valladolid : Sever-Cuesta, 1984. III Symposium Internacional de Ordeno Mecanicc de Pequenos Ruminantes : Valladolid (Espana), Mayo 1983 / edita: Comite Espanol III Symposium Internacional de Ordeno Mecanico de Pequenos Rumiantes. Papar presented at the "3rd International Symposium on Machine Milking of Small Ruminants," May 1983, Valladolid, Spain. p. 607-624. Includes references. (NAL Call No.: DNAL SF249.S9 1983).

0013
Capacity of Mancha ewes for machine milking. I. Boy biometry, morphological udder characteristics, teatcup drop and lamb rearing. Aptitud al ordeno mecanico de ovejas de raza Manchega. I. Biometria corporal, caracteristicas morfologicas de la ubre, caida de pezoneras y cria de corderos. Spanish.
Fernandez, N. ; Arranz, J.-Caja, G.-Torres, A.-Gallego, L. Valladolid : Sever-Cuesta, 1984. III Symposium

Internacional de Ordeno Mecanico de Pequenos Ruminantes : Valladolid (Espana), Mayo 1983 / edita: Comite Espanol III Symposium Internacional de Ordeno Mecanico de Pequenos Rumiantes. Paper presented at the "3rd International Symposium on Machine Milking of Small Ruminants," May 1983, Valladolid, Spain. p. 653-666. Includes references. (NAL Call No.: DNAL SF249.S9 1983).

0014
Capacity of Saanen goats for mechanical milking: relations with physical teat characterfstics. Aptitude des chevres de race Saanen a la traite mecanique: relations avec les caracteristiques physiques de trayon. French.
Le du, J. ; Benmederbel, B.-Dano, Y.-Combaud, J.F.-Tessonniere, R. Valladolid : Sever-Cuesta, 1984. III Symposium Internacional de Ordeno Mecanico de Pequenos Ruminantes : Valladolid (Espana), Mayo 1983 / edita: Comite Espanol III Symposium Internacional de Ordeno Mecanico de Pequenos Rumiantes. Paper presented at the "3rd International Symposium on Machine Milking of Small Ruminants," May 1983, Valladolid, Spain. p. 124-135. Includes references. (NAL Call No.: DNAL SF249.S9 1983).

0015
Care of lambs after lambing in sheep pens with slatted floors. RUSSIAN.
IAroshenko, V.N. Stavropol, (s.n.). Trudy - Vsesoiuznyi nauchno-issledovatel'skii institut ovtsevodstva i kozovodstva. 1977. v. 39 (pt.2). p. 42-48. (NAL Call No.: 49.9 V96).

0016
Circular sheep yards.
Ransom, K. Melbourne, The Department. Agnotes - Melbourne, Dept. of Agriculture. Mar 1979. Mar 1979. (641/79). 2 p. ill. (NAL Call No.: S3.A36).

0017
Combination lamb brooder and ewe feeder.
Washington, D.C. : U.S. Dept. of Agriculture, 1959. "Issued October 1959."- "Cooperative farm building plan exchange, plan no. 5863.". 1 sheet : ill. ; 26 cm. (NAL Call No.: DNAL 1 Ag84M no.804).

0018
Comparative examination of different FATIP lambing houses from economic and animal hygienic aspects (Sheep, housing construction). Kulonbozo tipusu FATIP elletohodalyok osszehasonlito allathigieniai es okonomiai vizsgalata. Hungarian.
Haraszti, E.ALTZA. ; Facsar, I.-Molnar, P. Budapest, Hirlapkiado Vallalat. Allattenyesztes es takarmanyozas. = Animal breeding and feeding. 1981. v. 30 (4). p. 317-327. ill. 15 ref. (NAL Call No.: 49 AL57).

0019
Comparative management systems for lamb production (Confinement management systems to that of pasture grazing).
Kellam, A.L. ; Hembry, F.G.-Humes, P.E.-Williams, J.C. Baton Rouge, The Department. Livestock producers' day.Louisiana. Agricultural Experiment Station. Animal Science Dept. 1980. v. 20. p. 97-100. ill. (NAL Call No.: 43.9 L932).

0020
Conception of digestibility cages fitted to lactating goats. Conception d'une cage a bilan adaptee a la chevre en lactation. FRENCH.
Giger, S. ; Hervieu, J. Paris, Institut national de la recherche agronomique. Annales de zootechnie. 1980. v. 29 (1). p. 55-64. ill. 12 ref. (NAL Call No.: 49 F84).

0021
Confined sheep mean fatter flocks, hungry coyotes.
Washington, D.C., The Service. Farmline - United States Dept. of Agriculture, Economics and Statistics Service. Nov 1980. v. 1 (8). p. 14-15. (NAL Call No.: aHD1401.A2U52).

0022
Confinement sheep barn at Hettinger Station.
Witz, R.L. Fargo, N.D., The Station. North Dakota farm research - North Dakota, Agricultural Experiment Station. Jan/Feb 1980. v. 37 (4). p. 3. ill. (NAL Call No.: 100 N813B).

0023
Confinement sheep (Feeding, housing system).
Wickersham, T. Minneapolis, Miller Publishing Co. Feedlot management. July 1981. v. 23 (7). p. 46-48. ill. (NAL Call No.: 43.8 F32).

0024
Confinement sheep management at Fairview College (Housing, feeding, in Alberta).
Jones, L.T. Corvallis, Or., The Station. Special report - Agricultural Experiment Station, Oregon State University.Dragon. Agricultural Experiment Station. Apr 1980. Apr 1980. (578). p. 1-22. ill. (NAL Call No.: 100 OR3M).

0025
Confinement sheep production.
Drache, H.M. Clovis, Calif., Agriservices Foundation. Sheep & goat handbook. 1981. Papers presented at The International Stockmen's School, January 12-15, 1981, San Antonio, Texas. v. 2. p. 260-264. ill. (NAL Call No.: SF371.S43).

0026
Considerations on the functional aspects and construction technology of sheep shelters in Sardinia (Housing). Considerazioni su aspetti funzionali e tecnologie costruttive dei ricoveri ovini in Sardegna. Italian.
Pisanu, M. Sassari : Facolta di agraria dell'Universita di Sassari. Studi

sassaresi. Sezione III. 1980/1981 (pub.1982). v. 28. p. 190-199. Includes references. (NAL Call No.: 507 SA7SA).

0027
Considerations on the influence of the type of housing on the production of goat meat. Nota sull'influenza del tipo di ricovero sulla produzione di carne caprina. Italian.
Trimarchi, G. ; Pistoia, A.-Berni, P. Bologna, Edagricole. Zootecnica e nutrizione animale. Feb 1982. v. 8 (1). p. 11-21. ill. Includes 10 ref. (NAL Call No.: SF1.Z6).

0028
Constructing sheep barns through industrial methods. Stroitel'stvo ovcharen industrial'nymi metodami / IA. Burlibaev, Sh. Mukhlisulin. -. RUSSIAN.
Burlibaev, IAkhiia Dzhumabaevich. ; Mukhlisulin, Sharafei Mukhlisovich. Alma-Ata "Kainar" 1974. 87 p. : ill. ; 17 cm. (NAL Call No.: SF375.5.R9B8).

0029
Control of heat exchanges for the protection of livestock buildings (Sheep rearing, energy conservation). Il controllo degli scambi termici nella progettazione degli edifici di allevamento.
Mennella, V.G. ; Bruce, J.M. Bologna, (s.n.). Genio rurale. Jan 1981. v. 44 (1). p. 39-44. ill. 6 ref. (NAL Call No.: 281.8 R522).

0030
Corrals for sheep / Agricultural Engineering Research Division, Agricultural Research Service .
Washington, D.C. : U.S. Dept. of Agriculture, 1969. "Issued October 1969."- "Cooperative farm building plan exchange, plan no. 6019.". 1 sheet (2 p.) : ill., plans ; 28 cm. (NAL Call No.: DNAL 1 Ag84M no.1148).

0031
The design and construction of facilities from the animals' point of view (Pigs, housing, poultry, sheep).
Meischke, H.R.C. ; Moore, B.L. Barton, A.C.T. : The Institution, 1982. Agricultural Engineering Conference 1982 : resources--efficient use and conservation, Armidale, NSW, 22-24 August 1982, preprints of papers / National Commit. Agric. Engineering of Institution of Engineers, Australia. p. 27-34. Includes references. (NAL Call No.: S671.3.A36 1982).

0032
Design of shearing sheds and sheep yards /A.A. Barber and R.B. Freeman. --.
Barber, A. A. ; Freeman, R. B. Melbourne : Inkata Press, 1986. Includes index. viii, 212 p. : ill., plans ; 31 cm. Bibliography: p. 208-209. (NAL Call No.: DNAL SF379.B2).

0033
Designing a sheep house. 2. (at Greenmount College Hill Farm, Northern Ireland).
McGaughery, S.J. Belfast, Ire. Her Majesty's Stationery Office. Agriculture in Northern Ireland. Mar 1982. v. 56 (11). p. 349-352. ill. (NAL Call No.: 256.13 AG82M).

0034
Designing for the confinement of sheep (Uncovered straw yards, enclosed buildings with slatted floors).
Robinson, T.W. Aberdeen, Scottish Farm Buildings Investigation Unit. Farm building progress. July 1982. July 1982. (69). p. 9-14. ill. 12 ref. (NAL Call No.: TH4911.F37).

0035
Developments in electric fencing.
Wakefield, H.R. St. Joseph, Mich. : American Society of Agricultural Engineers, c1984. Agricultural electronics--1983 and beyond : proceedings of the National Conference on Agricultural Electronics Applications, December 11-13, 1983, Hyatt Regency Illinois Center, Chicago, Illinois. p. 577-582. ill. Includes 13 references. (NAL Call No.: DNAL TK7882.A37N38 1983).

0036
"Dopta-lamb" crate.
Limesand, W. ; Zidon, J.-Light, M.R. Fargo, N.D., The Station, North Dakota farm research - North Dakota, Agricultural Experiment Station. July/Aug 1980. v. 38 (1). p. 6-7. ill. (NAL Call No.: 100 N813B).

0037
Dual purpose research herd of British Saanen goats in Great Britain (Housing, milk, economics, feeding, breeding).
Mowlem, A. Scottsdale : Dairy Goat Journal Pub. Co. International goat and sheep research. 1984. v. 2 (2). p. 135-141. ill. Includes references. (NAL Call No.: SF380.I5).

0038
Dynamic sheep management: past to future technologies.
Chalmers, L. Sacramento, Calif. : Spilman Press. Sheep and goat handbook. 1987. v. 5. p. 214-221. ill. (NAL Call No.: DNAL SF371.S43).

0039
Economic effectiveness of ewe keeping using an improved microclimate in the pens. Russian.
Butakov, S.IA. Omsk : Sibirskii nauchno-issledovatel'skii veterinarnyi institut. Sbornik nauchnykh rabot SibNIVI. 1977. 1977. (30). p. 121-123. Includes references. (NAL Call No.: 41.9 OM7).

0040
Effect of feed, water, and shelter upon fleeces of Utah ewes /A.C. Esplin.
Esplin, Alma C. Logan : Utah Agricultural Experiment Station; 1932. Cover title. 25 p. : ill. ; 23 cm. (NAL

Call No.: DNAL 100 Ut1 (1) no.240).

0041
Effect of keeping and feeding conditions on productivity, meat quality and metabolism of young TSigai rams. Ukrainian.
OVTSA. Skrepets', V.I. ; Horlova, O.D.-Povarnina, T.D.-Shevchuk, M.P.-Makinian, R.IE. Kiev : "Urozhai". Ovtsevodstvo. 1982. (21). p. 52-56. Includes references. (NAL Call No.: DNAL SF371.09).

0042
Effect of slatted floors on the behavior of fattened lambs. Vplyv rostov na zivotne prejavy jahniat vo vykrme. Slovak.
ZIVYA. Kuran, J. ; Piko, P.-Knazovicky, F. Praha : Ustav. Zivocisna vyroba - Ceskoslovenska akademie zemedelska, Ustav vedeckotechnickych informaci pro zemedelstv'. June 1985. v. 30 (6). p. 565-572. Includes references. (NAL Call No.: DNAL 49.9 C33).

0043
Effect of various flooring variants on feet of sheep. 1. Some foot parameters of sheep kept on different types of floors. Untersuchungen zur Auswirkung verschiedener Fussbodenvarianten auf die Klauen von Schafen. 1. Zu eingien Klauenparametern beim Schaf unter den Bedingungen der Haltung auf verschiedenen Fussboden. German.
AXVMA. Rieger, E. ; Schroder, G.-Schmoldt, P. Leipzig, E. Ger. : S. Hirzel. Archiv fur experimentelle Veterinarmedizin. 1984. v. 38 (5). p. 757-764. ill. Includes references. (NAL Call No.: DNAL 41.8 EX7).

0044
The effect of winter shearing of housed pregnant ewes on food intake and animal performance.
ANIPA. Vipond, J.E. ; King, M.E.-Inglis, D.M.-Hunter, E.A. Neston, South Wirral, England : British Society of Animal Production. Animal production. Oct 1987. v. 45 (pt.2). p. 211-221. Includes references. (NAL Call No.: DNAL 49 AN55).

0045
Effectiveness of photoperiod stimulation on reproductive performance of sheep housed continuously indoors on an accelerated breeding schedule.
Hackett, A.J.CJCMA. ; Wolynetz, M.S. Ottawa : Canadian Veterinary Medical Association. Canadian journal of comparative medicine = Revue canadienne de medecine comparee. Oct 1982. v. 46 (4). p. 400-404. ill. 13 ref. (NAL Call No.: 41.8 C162).

0046
Effects of contrasting photoperiods and temperatures on performance traits of confinement-reared ewe lambs.
Schanbacher, B.D. ; Hahn, G.L.-Nienaber, J.A. Champaign, Ill., American Society of Animal Science. Journal of animal science. Sept. 1982. v. 55 (3). p. 620-626. 2 p. ref. (NAL Call No.: 49 J821).

0047
Effects of double decking and space allowances on the performance and behavior of feeder lambs.
JANSAG. Gonyou, H.W. ; Stookey, J.M.-McNeal, L.G. Champaign, Ill. : American Society of Animal Science. Journal of animal science. May 1985. v. 60 (5). p. 1110-1116. ill. Includes 11 references. (NAL Call No.: DNAL 49 J82).

0048
Effects of feeding and housing on sheep and goat milk production. Effetti della alimentazione e della stabulazione sulla produzione lattea degli ovini e caprini. ITALIAN.
Dattilo, M. ; Congiu, F. Milano, (s.n.). Rivista di zootecnia e veterinaria. July/Aug 1979. July/Aug 1979. (4). p. 274-281. ill. 9 ref. (NAL Call No.: SF1.R55).

0049
Effects of milkline height on ewe milking characteristics. Incidence de la hauteur du lactoduc sur les caracteristiques de traite des brebis. French.
Le Du, J. ; La Chevalerie, F.A. de-Combaud, J.F.-Lambion, P. Valladolid - Sever-Cuesta, 1984. III Symposium Internacional de Ordeno Mecanico de Pequenos Ruminantes : Valladolid (Espana), Mayo 1983 / edita: Comite Espanol III Symposium Internacional de Ordeno Mecanico de Pequenos Rumiantes. Paper presented at the "3rd International Symposium on Machine Milking of Small Ruminants," May 1983, Valladolid, Spain. p. 315-325. Includes references. (NAL Call No.: DNAL SF249.S9 1983).

0050
Effects of various flooring variants on feet of sheep. 2. Foot measures of sheep for dimensioning of grating flooring. Untersuchungen zur Auswirkung verschiedner Fussodenvarianten auf die Klauen von Schafen. 2. Klauemasse beim Schaf als Grundlage fur die Bermessung des Spaltenbodens. German.
AXVMA. Rieger, E. ; Schroder, G.-Schmoldt, P. Leipzig, E. Ger. : S. Hirzel. Archiv fur experimentelle Veterinarmedizin. 1984. v. 38 (5). p. 765-770. Includes references. (NAL Call No.: DNAL 41.8 EX7).

0051
Electric fences in sheep husbandry (Foreign countries). Russian.
Tveritin, A.V. Moskva : VNIIT EISKh. Dostizheniia sel'skokhoziaistvennoi nauk i praktiki. Seriia 2: Zhivotnovodstvo i veterinariia. Feb 1981. Feb 1981. (2). p. 26-45. Includes references. (NAL Call No.: SF1.D6).

0052
Electric fencing for feral goats.
Niven, D.R. ; Jordan, D.J. Brisbane, Department of Primary Industries. Queensland agricultural journal. July/Aug 1980. v. 106 (4). p. 331-332.

ill. (NAL Call No.: 23 033).

0053
Electric fencing reduces coyote predation on pastured sheep (in North Dakota, Kansas).
Linnart, S.B. ; Roberts, J.D.-Dasch, G.J. Denver, Society for Range Management. Journal of range management. May 1982. v. 35 (3). p. 276-28-. ill. 1 p. ref. (NAL Call No.: 60.18 J82).

0054
Energy and protein requirements of young lambs fed milk replacers and housed in two environments / by Peter Wen-Shyg Chiou. -.
Chiou, Peter Wen-Shyg, 1940-. 1972. Thesis (Ph.D.)--University of Minnesota, 1972. Photocopy of typescript. Ann Arbor: University Microfilms, 1972. ix, 118 leaves ; 21 cm. Bibliography: leaves 109-118. (NAL Call No.: DISS 72-27,736).

0055
Evaluation of a new technology when applied to sheep production systems. I. Model description.
Bowman, P.J. ; Wysel, D.A.-Fowler, D.G.-White, D.H. Essex : Elsevier Applied Science Publishers. Agricultural systems. 1989. v. 29 (1). p. 35-47. Includes references. (NAL Call No.: DNAL HD1.A3).

0056
Evolution of microclimate in the new types of barns for sheep management. Evolutia microclimatului in noi tipuri de adaposturi pentru intretinerea ovinelor. Romanian.
Popescu, D.LSAZA. ; Baditoiu, N. Bucuresti : Ministerul Educatiei si Invatamintului, Institutul Agronomic "Nicolae Balcescu". Lucrari stiintifice. Seria D: Zootehnie. 1982. v. 25. p. 81-85. Includes references. (NAL Call No.: SF15.R8I52).

0057
Ewe stanchion.
Washington, D.C. : U.S. Dept. of Agriculture, 1961. "Issued December 1961."~ "Cooperative farm building plan exchange, plan no. 5912.". 1 sheet (2 p.) : ill., plans ; 28 cm. (NAL Call No.: DNAL 1 Ag84M no.884).

0058
An example of raising (sheep) in Abruzzi (Building, equipment, farm management, Italy). L'esempio di un allevatore Abruzzese.
Schenoni, P. Bologna, Edagricole. Informatore zootecnico. Mar 15, 1981. v. 28 (5). p. 72-74. ill. 3 ref. (NAL Call No.: 49 IN3).

0059
Expert's opinion on designs of sheep farm buildings and complexes. Russian.
Gushchin, V.N.VETNA. Moscow : "Kolos". Veterinariia. Feb 1981. Feb 1981. (2). p. 29-32. (NAL Call No.: 41.8 V6426).

0060
Fawcett mat shearing boards (Sheep).
Brien, F. Melbourne, The Department. Agnotes - Melbourne, Dept. of Agriculture. Feb 1979. Feb 1979. (458/79). 3 p. ill. (NAL Call No.: S3.A36).

0061
Feeding and housing dairy goats.
Ace, Donald L. ; Steevens, B. J.-Ricketts, Rex. Document available from: University of Missouri, Extension Publications, 222 S. Fifth Street, Columbia, Missouri 65201 1981. 4 p. : ill. (NAL Call No.: Document available from source.).(NAL Call No.: 3990). This publication discusses dairy goats, including feeding kids, yearlings, milking does, and bucks, and housing temperature, ventilation, light, and fencing.

0062
Feeding behavior characteristics of intact male lambs as affected by numbers of lambs in a pen with restricted access to the feed stall.
JANSAG. Jenkins, T.G. , Leymaster, K.A. Champaign, Ill. : American Society of Animal Science. Journal of animal science. Aug 1987. v. 65 (2). p. 422-430. Includes references. (NAL Call No.: DNAL 49 J82).

0063
Feeding behaviour of Creole kids kept in loose housing conditions from birth to weaning. Le comportement alimentaire du cabri creole eleve en stabulation libre de la naissance au sevrage. French.
AZODA, Levy, F. ; Alexandre, G. Paris : Institut National de la Recherche Agronomique. Annales de zootechnie. 1985. v. 34 (2). p. 181-191. Includes references. (NAL Call No.: DNAL 49 F84).

0064
Fences for sheep and lambs.
James, K. Melbourne, The Department. Agnotes - Melbourne, Dept. of Agriculture. Oct 1979. Oct 1979. (829/79). 3 p. ill. (NAL Call No.: S3.A36).

0065
Fencing Dairy goats .
Miller, A.J. Newark, Del. : Cooperative Extension Service, University of Delaware, 1984. Goat extension handbook / George F.W. Haenlein, Donald L. Ace, editors. B-10, 2 p. ill. (NAL Call No.: DNAL SF383.G58).

0066
Fencing, feeding and creep panels for sheep / developed by Agricultural Engineering and Animal Husbandry Research Divisions, Agricultural Research Service .
Washington, D.C. : U.S. Dept. of Agriculture, 1962. "Issued February 1962."~ "Cooperative farm building plan exchange, plan no. 5917.". 1 sheet (2 p.) : ill., plans ; 28 cm. (NAL Call No.: DNAL 1 Ag84M no.890).

0067
Fertility of ewe lambs maintained indoors year-round on an accelerated breeding program.
JANSAG. Hackett, A.J. ; Wolynetz, M.S. Champaign, Ill. : American Society of Animal Science. Journal of animal science. Nov 1984. v. 59 (5). p. 1129-1134. Includes references. (NAL Call No.: DNAL 49 J82).

0068
Floorplan for a pole barn (Goats).
Morrell, J. Waterloo : Countryside Publications. Dairy goat guide. Aug 1983. v. 6*(8). p. 14-15. ill. (NAL Call No.: SF380.D25).

0069
Foster pens (for purpose of getting ewes to claim orphan lambs).
Slyter, A.L. Brookings, S.D., The Service. FS - Cooperative Extension Service, South Dakota State University.South Dakota State University. Cooperative Extension Service. Apr 1979. Apr 1979. (698). 2 p. ill. (NAL Call No.: 275.29 S085FS).

0070
Goats.
Russel, A.J.F. ; Mowlem, A. London : Bailliere Tindall, 1988. Management and welfare of farm animals. p. 125-142. ill. Includes references. (NAL Call No.: DNAL SF61.M35 1988).

0071
Goats: importance of installations for their successful rearing (Equipment, buildings, Sao Paulo State, Brazil). Caprinos: importancia das instalacoes para o sucesso da criacao.
Garcia, W. Porto Alegre, Editora Centaurus. A Granja. Sept 1980. v. 36 (392). p. 78-81. ill. (NAL Call No.: 9.2 G76).

0072
Grain troughs for sheep.
Washington, D.C. : U.S. Dept. of Agriculture, 1962. "Issued March 1962."~ "Cooperative farm building plan exchange, plan no. 5918.". 1 sheet (2 p.) : ill., plans ; 28 cm. (NAL Call No.: DNAL 1 Ag84M no.899).

0073
Growth of Merino weaner fed grain-based diets while grazing dry pasture or housed in feedlots.
AAAHA. Suiter, R.J. ; McDonald, C.L. Melbourne : Commonwealth Scientific and Industrial Research Organization. Australian journal of experimental agriculture. 1987. v. 27 (5). p. 629-632. Includes references. (NAL Call No.: DNAL 23 AU792).

0074
Handling, housing and sanitation.
YAXAA. Carlson, J.L. Washington, D.C. : U.S. Department of Agriculture. The Yearbook of agriculture. 1984. p. 251-258. ill. Includes references. (NAL Call No.: DNAL 1 AG84Y).

0075
Hay and grain feeder for ten sheep.
Washington, D.C. : U.S. Dept. of Agriculture, 1961. "Issued August 1961."~ "Cooperative farm building plan exchange, plan no. 5910.". 1 sheet (2 p.) : ill., plans ; 28 cm. (NAL Call No.: DNAL 1 Ag84M no.865).

0076
The heating of wintering places by solar energy (Sheep, Mexico, animal housing). Calefaccion de invernaderos por energia solar. Spanish.
Martinez Garcia, P.F. Madrid, El Instituto. Hoja tecnica INIA - Instituto Nacional de Investigaciones Agrarias. 1980. 1980. (33). 21 p. ill. 7 ref. (NAL Call No.: S253.I6).

0077
Housing Dairy goats .
Appleman, R.D. Newark, Del. : Cooperative Extension Service, University of Delaware, 1984. Goat extension handbook / George F.W. Haenlein, Donald L. Ace, editors. B-1, 8 p. ill. (NAL Call No.: DNAL SF383.G58).

0078
Housing and equipment for sheep prepared by the Science and Education Administration's Federal Research staff . --.
Washington, D.C. : U.S. Dept. of Agriculture, Science and Education Administration, 1978. 14 p. : ill. --. Bibliography: p. 13. (NAL Call No.: DNAL Fiche S-70 no.2242 1978).

0079
Housing and facilities for sheep. Drenerende gulv for sau /Knut Boe. --. Norwegian.
Boe, Knut. As : NLH, 1985. Summary in English. 27 p. : ill. ; 30 cm. --. Bibliography: p. 26-27. (NAL Call No.: DNAL 49.9 N76 nr.218).

0080
Housing and maintenance of goats. Bulgarian.
Nakev, S. Sofiia, Ministerstvo na zemedelieto i khranitelnata promishlenost. Zhivotnovudstvo. 1980. v. 34 (11). p. 54-55. (NAL Call No.: 49 Z62).

0081
Housing, feeding and health care. Tips for the new goat owner.
Waterloo, Wis., Countryside Publications. Countryside. Jan 1981. v. 65 (1). p. 27. (NAL Call No.: S521.C62).

0082
Housing for cattle, sheep, and poultry in the Tropics.
Hahn, G.L. New York : Praeger, 1982. Animal production in the tropics / edited by M.K. Yousef. Paper presented at a symposium held February 21-25, 1981, at the University of Gezira, Wad Medani, Sudan. p. 43-72. ill., maps. Includes references. (NAL Call No.: SF55.T75A54).

0083
Housing for sheep. Hus for sau.
Lilleng, H. Oslo, Det Avdeling.
Smaskrift - Norway.
Landbruksdepartementet,
Opplysningstjenesten. 1980. 1980. (13).
23 p. ill. (NAL Call No.: 464.4 N83).

0084
Housing goats (Barns). Logement des caprins. FRENCH.
Lille, (s.n.). Cultivar. Oct 1980. Oct
1980. (132). p. 69. ill. (NAL Call No.:
SB183.C8).

0085
The housing of large mammals in hot environments (Cattle, horses, sheep, pigs, camels, elephants).
MacFarlane, W.V. London, Butterworths.
Environmental aspects of housing for
animal production. 1981. 1981. p.
259-284. ill. Includes 3 p. ref. (NAL
Call No.: S217.E2 NO. 31).

0086
Housing sheep (Barns). Logement des ovins. FRENCH.
Lille, (s.n.). Cultivar. Oct 1980. Oct
1980. (132). p. 68. ill. (NAL Call No.:
SB183.C8).

0087
Housing your sheep (Animal husbandry).
Heft, M. East Lansing, Mich., The
Service. Extension bulletin E - Michigan
State University, Cooperative Extension
Service. June 1981. June 1981. (1501). 8
p. ill. (NAL Call No.: 275.29 M58E).

0088
Hygiene in commercial sheep raising Gigiena v promyshlennom ovtsevodstve / G. K. Volkov, V. N. Gushchin. -.
Volkov, G. K. ; Gushchin, V. N.~
(Vladimir Nikolaevich). Moskva (B-139,
Orlikov per., 3a) Rossel'khozizdat 1980.
189 p. : ill. ; 22 cm. (NAL Call No.:
SF375.5.S68V6).

0089
Hygienic indices in broadspan sheep houses during the lambing period.
Sundukov, A.I. Stavropol', Institut.
Nauchnye trudy - Stavropol'skii
sel'skokhoziaistvennyi institut. 1975.
v. 4 (38). p. 232-235. (NAL Call No.:
106 ST27).

0090
Improved round swim sheep dipping bath (Sarcoptes, Psoroptes, Chorioptes, mange).
Metcalfe, W. Kenilworth, Eng., Farm
Buildings Centre. Farm buildings digest.
Winter 1980/1981. v. 15 (4). p. 14-16.
ill. (NAL Call No.: 241.4 F22).

0091
Improvement of the norms of designing sheep husbandry buildings. Russian.
Blagov, V.I. ; Alekseev, IU.A. Moskva :
Izdatel'stvo "Kolos". Ovtsevodstvo. Dec
1981. Dec 1981. (12). p. 34-35. (NAL
Call No.: 45.8 OV72).

0092
Increased profit from fencing and mob-stocking hill country ewes (Sheep, pasture division).
Hargreaves, G. Wellington, N.Z. , G.
Deslandes Ltd. New Zealand journal of
agriculture. Feb 1982. v. 144 (2). p.
22-23. ill. (NAL Call No.: 23 N48J).

0093
Indiana 4-H sheep project / Cooperative Extension Service, Purdue University, West Lafayette, Indiana.
1981. Document available from: 4-H
Department, Purdue University,
Agricultural Administration Building,
West Lafayette, Indiana 47907.
Publication intended for: Member
Elementary Level, Junior High Level,
Senior High Level, Learning experience:
Knowledge, skills, practices. 27 p. :
ill. (NAL Call No.: Not available at
NAL.).(NAL Call No.: 4-H 286).
Manual covers market lambs, sheep
production, and consumer lamb for all
project divisions. Booklet teaches
health care and feeding practices;
facilities and equipment, and gives
references.

0094
Influence of group number on lamb performance (in confinement).
Stookey, J.M. ; Lewis, J.M.
Urbana-Champaign, Ill., Illinois
Agricultural Experiment Station, DSAC -
Dixon Springs Agricultural Center. Jan
1980. Jan 1980. (8). p. 158-159. (NAL
Call No.: S1.D5).

0095
Influence of housing on slatted floor on the fattening characters of lambs. Vplyv rostovej podlahy na vykrmove ukazovatele jahniat. Slovak.
Ochodnicky, D.ZIVVA. ; Huncik, M. Praha
: Ustav. Zivocisna vyroba -
Ceskoslovenska akademie zemedelska,
Ustav vedeckotechnickych informaci pro
zemedelstvi. June 1983. v. 28 (6). p.
425-430. Includes references. (NAL Call
No.: 49.9 C33).

0096
Introducing goats to the Pacific Islands.
Kilduff, J. Surrey : Agraria Press.
Agriculture international. Dec 1985. v.
37 (8). p. 308-310. ill. (NAL Call No.:
DNAL S3.A343).

0097
Investigation of the geometrical form of feed-boxes with a view of optimizing the main parameters and arrangement of stall fencing in the barn for fattening lambs and yearlings /by Goranov, I.
Goranov, I. S.l. : s.n., 1981?
Translated from Russian.
81-81-53081/02.- Translated from:
Selskostopanska Tekhnika (farm
machinery), vol. xii, no. 2, Sofia,
1975. 15 p. : ill. ; 27 cm.
Bibliography: p. 15. (NAL Call No.: DNAL
TRANSL 35005).

0098
Investigations on social space in open and restricted environments in sheep.
CTVSD. Lawrence, A.B. ; Wood-Gush, D.G.M. The Hague : Martinus Nijhoff. Current topics in veterinary medicine and animal science. Paper presented at the "Seminar on the Social Space for Domestic Animals," January 10-11, 1985, Brussels. 1985. v. 35. p. 171-191. ill., maps. Includes references. (NAL Call No.: DNAL SF600.C82).

0099
Is there scope for intensive dwarf goat production in the humid tropics? The Ife experience.
Bosman, H.G. ; Ademosun, A.A.~Roessen, P.L.~Huijsman, A. Wageningen : Pudoc, 1988. Goat production in the humid tropics : proceedings of a workshop at the University of Ife, Ile-Ife, Nigeria, 20-24 July 1987 / O.B. Smith and H.G. Bosman (Eds). p. 145-153. ill. Includes references. (NAL Call No.: DNAL SF380.3.G63).

0100
Klima, foring og produksjon i ulike typer sauehus = Climate, feeding and production in different types of sheep houses / av Harald Lilleng og Lars Anders Gulden. - NORWEGIAN.
Lilleng, Harald. As NLH 1979. English summary. 38 p. --. Bibliography: p. 37-38. (NAL Call No.: 49.9 N76M No.99).

0101
Lamb feeder / developed by Agricultural Engineering Research Division, Animal Husbandry Research Division, Agricultural Research Service .
Washington, D.C. : U.S. Dept. of Agriculture, 1962. "Issued January 1962."- "Cooperative farm building plan exchange, plan no. 5915.". 1 sheet (2 p.) : ill., plans ; 28 cm. (NAL Call No.: DNAL 1 Ag84M no.887).

0102
Leuca-fence: living fence for sheep using Leucaena leucocephala (West Africa).
Sumberg, J.E.WARVA. Rome : FAO. World animal review. 1983. 1983. (47). p. 49. ill. (NAL Call No.: SF191.W6).

0103
Livestock.
Washington, D.C. : Animal Welfare Institute, 1979. Comfortable quarters for laboratory animals. p. 68-73. ill. (NAL Call No.: DNAL SF91.A5 1979).

0104
Livestock behavior as related to handling facilities design (Cattle, pigs, sheep).
Grandin, T. Washington, D.C., Institute for the Study of Animal Problems. International journal for the study of animal problems. Jan/Feb 1980. v. 1 (1). p. 33-52. ill. Bibliography p. 50-52. (NAL Call No.: HV4701.I49).

0105
Livestock physchology and handling-facility design (Cattle and sheep, chutes).
Grandin, T. Colorado : Westview Press. Dairy science handbook. 1983. v. 15. p. 255-269. ill. 2 p. ref. (NAL Call No.: SF221.D335).

0106
Livestock structures and social aspect of sheep in the province of La Rioja. Estructuras ganaderas y aspecto sociologico del ovino en la provincia de La Rioja. Spanish.
Balda Medarde, I. ; Chavarri Mardones, J.B.~Domenech Garcia, J.M. Logrono : La Agencia, 1982 . 1as. Jornadas Tecnicas de Ganado Ovino de La Rioja / patrocinadas y organizadas por Excelentisima Diputacion Provincial Agencia de Desarrollo Ganadero. Paper presentec at the "First Commercial Sheep Sessions in La Rioja," Nov. 26-28, 1981, Logrono, Spain. p. 197-200. (NAL Call No.: DNAL SF371.2.J6 1981).

0107
Living with dairy goats (Breeds, housing, milking).
Gurley, D.K. Eugene : The Journal. Small farmer's journal : featuring practical horse-farming. Fall 1983. v. 7 (4). p. 60-63. ill. (NAL Call No.: S1.S42).

0108
Low-cost sheep housing (Buildings, roofless yards, floors).
Robertson, A.M. ; Lunney, D.C. Aberdeen, Scottish Farm Buildings Investigation Unit. Farm building progress. July 1982. July 1982. (69). p. 1-2. ill. (NAL Call No.: TH4911.F37).

0109
Make the most of sheep housing (Management).
Wilson, J.K. Belfast, Her Majesty's Stationery Office. Agriculture in Northern Ireland. Aug 1981. v. 56 (4). p. 107-110. ill. (NAL Call No.: 256.13 AG82M).

0110
Management and housing of animals in cold environments.
Christopherson, R.J. Boca Raton, Fla. : CRC Press, c1985. Stress physiology in livestock / editor, Mohamed K. Yousef. Literature review. v. 2 p. 175-194. ill. Includes references. (NAL Call No.: DNAL SF768.S77).

0111
Management and housing of farm animals in hot environments.
Hahn, G.L. Boca Raton, Fla. : CRC Press, c1985. Stress physiology in livestock / editor, Mohamed K. Yousef. Literature review. v. 2 p. 151-174. ill., maps. Includes 9 references. (NAL Call No.: DNAL SF768.S77).

0112
Management facilities for the sheep flock (Includes housing, equipment, costs, Ireland).
Flanagan, S. Washington, D.C., Society of American Foresters. Southern journal of applied forestry. Apr 1982. v. 13 (2). p. 48-50. ill. (NAL Call No.: SD1.S63).

0113
Materials for the floors of sheep shelters (Housing). Materiali per le pavimentazioni dei ricoveri ovini. Italian.
De Montis, S. ; Pisanu, M. Sassari : Facolta di agraria dell'Universita di Sassari. Studi sassaresi. Sezione III. 1980/1981 (pub.1982). v. 28. p. 235-256. ill. Includes references. (NAL Call No.: 507 SA7SA).

0114
Mechanization of fodder distribution in sheep shelters. Cu privire la mecanizarea distribuirii nutreturilor in adaposturile de ovine. Romanian.
Nicolescu, I.RCAND. Bucuresti : Ministerul Agriculturii si Industriei Alimentare. Revista de cresterea animalelor. Mar 1982. v. 32 (3). p. 40-42. ill. (NAL Call No.: 49 P943).

0115
Mechanization of the intensive fattening of lambs on deep litter. Mechanizacia intenzivneho vykrmu jahniat na hlbokej podstielke. Slovak.
Fabo, J. ; Repa, J. Bratislava : Priroda. Vedecke prace Vyskumneho ustavu ovciarskeho v Trencine. 1982. v. 11. p. 121-129. ill. Includes references. (NAL Call No.: 45.9 T72).

0116
Microclimate in sheep barns POLOM 500 in a mountain region during the winter season (Czechoslovakia). Posudenie mikroklimy v ovciarnach POLOM 500 cez zimne obdobie v horskej oblasti. Slovak.
Repa, J. Bratislava : Priroda. Vedecke prace Vyskumneho ustavu ovciarskeho v Trencine. 1982. v. 11. p. 141-148. ill. Includes references. (NAL Call No.: 45.9 T72).

0117
Microclimatic conditions in building of the "Wielislawice" type, utilized as sheep cote. Warunki mikroklimatyczne w budynkach typu wielislawice uzytkowanych jako owczarnie. Polish.
Winnicki, S. ; Horbatowska, S. Warszawa : Panstwowe Wydawn. Naukowe. Zeszyty problemowe postepow nauk rolniczych. 1983. 1983. (265). p. 401-404. Includes references. (NAL Call No.: 20.5 Z5).

0118
Microclimatic conditions in sheep cotes grated and with litter. Ocena warunkow mikroklimatycznych w prototypowej owczarni rusztowo-sciolowej na 1000 matek 1600 jagniat. Polish.
Winnicki, S. ; Brzezinska, E.-Dulewicz, R. Warszawa : Panstwowe Wydawn. Naukowe. Zeszyty problemowe postepow nauk rolniczych. 1983. 1983. (265). p. 405-408. Includes references. (NAL Call No.: 20.5 Z5).

0119
Milk house construction equipment and sanitation Dairy goats .
Ace, D.L. Newark, Del. : Cooperative Extension Service, University of Delaware. 1984. Goat extension handbook / George F.W. Haenlein, Donald L. Ace, editors. E-3. 4 p. ill. (NAL Call No.: DNAL SF383.G58).

0120
Mineral feeder for sheep.
Washington, D.C. : U.S. Dept. of Agriculture. 1962. "Issued January 1962."- "Cooperative farm building plan exchange, plan no. 5916.". 1 sheet (2 p.) : ill., plans ; 28 cm. (NAL Call No.: DNAL 1 Ag84M no.889).

0121
Minimum ventilation requirements for the air transportation of sheep.
Stevens, D.G. ; Hahn, G.L. St. Joseph, Mich., The Society. Transactions of the ASAE - American Society of Agricultural Engineers. Jan/Feb 1981. v. 24 (1). p. 180-181, 186. ill. 7 ref. (NAL Call No.: 290.9 AM327).

0122
Modelling the dynamics of sheep flocks in Egypt.
El-Shishiny, H. ; Mansour, H.-Galal, E.S.E. Essex : Elsevier Applied Science Publishers. Agricultural systems. 1987. v. 23 (4). p. 301-309. Includes references. (NAL Call No.: DNAL HD1.A3).

0123
Modern three-stand shearing sheds (Sheep).
Ransom, K. Melbourne, The Department. Agnotes - Melbourne, Dept. of Agriculture. Feb 1979. Feb 1979. (484/79). 4 p. ill. (NAL Call No.: S3.A36).

0124
Morphological and histological studies on distal ends of extremities of Merino Mutton sheep kept under combined conditions of grating flooring and pasture. Morphologische und histologische Untersuchungen an den distalen Extremitatenenden von Merinofleischschafen bei einer Kombination der Spaltenbodenhaltung mit Weidegang German.
AXVMA. Preusse, C. ; Hoffmann, A.-Richter, P.-Schneider, J. Leipzig, E. Ger. : S. Hirzel. Archiv fur experimentelle Veterinarmedizin. 1985. v. 39 (6). p. 797-804. Includes references. (NAL Call No.: DNAL 41.8 EX7).

0125
Motherless lamb raising, an approach to minimising rearing loss (Feeding, housing, includes returns). Mutterlose Lammaufzucht, ein Verfahren zur Senkung der Aufzuchtverluste.
Possart, W. ; Ahaus, K.-Bohme, K.-Dunger, B. Jena, Gustav Fischer. Monatshefte fur Veterinarmedizin. Feb 1,

1981. v. 36 (3). p. 84-93. ill. 9 ref. (NAL Call No.: 41.8 M742).

0126
The M696 sheep milking shed. Schafmelkstand M696. German.
Gebhardt, D. Berlin, E. Ger. : VEB Verlag Technik. Agrartechnik. 1983. v. 33 (3). p. 101-103. ill. Includes references. (NAL Call No.: 58.8 D482).

0127
Natural ventilation of sheep buildings.
Bruce, J.M. Aberdeen, Scottish Farm Buildings Investigation Unit. Farm building progress. July 1982. July 1982. (69). p. 7-8. ill. 5 ref. (NAL Call No.: TH4911.F37).

0128
Naturally ventilated general-purpose calf and sheep court at Standalane (Buildings).
Harper, A.D. ; Johnstone, K. Aberdeen : Scottish Farm Buildings Investigation Unit. Farm building progress. Jan 1984. Jan 1984. (75). p. 25-27. ill. (NAL Call No.: TH4911.F37).

0129
New method of thermochemical evaluation applied for the first time in the new constructional system DUO-500 in the climatic chamber (Winter housing of sheep and young cattle). Novy sposob teplotechnickeho posudenia po prvykrat pouzity pri novej konstrukcnej sustave DUO-500 v klimatickej komore. Slovak.
Fejda, J. ; Grman, J. Bratislava, Czechoslovakia : Slovenskej akademia vied. Poľnohospodarstvo = Agriculture. 1983. v. 29 (11). p. 1037-105'. ill. Includes references. (NAL Call No.: 19.5 P752).

0130
New sheep barn plans.
Fargo, N.D., The Station. North Dakota farm research - North Dakota, Agricultural Experiment Station. July/Aug 1980. v. 38 (1). p. 5. ill. (NAL Call No.: 100 N813B).

0131
A new system of sheep barns with uncovered feeding area (Animal housing). A fedetlen kulso etetoteres juhistallok uj rendszere. Hungarian.
Horvath, M. Budapest, Mezogazdasagi es Elelmezesugyi Miniszterium. Gazdalkodas. 1982. v. 26 (1). p. 43-45. ill. (NAL Call No.: 281.8 G25).

0132
New type of houses for sheep (Designed at the Zaporozhye Branch of the Ukrainian Collective Farm Designing Institute). Ukrainian.
Samoilyk, M.D. ; Loza, A.R. Kyiv, "Urozhai". Tvarynnytstvo Ukrainy. July 1981. July 1981. (7). p. 33. (NAL Call No.: 49 S0712).

0133
New Zealand farming technology in Mexico (Fencing, irrigation, sheep grazing).
Holmes, N. Auckland : Deslandes Ltd. New Zealand journal of agriculture. Dec 1983. v. 147 (6). p. 36-38, 40. ill. (NAL Call No.: 23 N48J).

0134
A note on the behaviour of individually-penned sheep regarding their use for research purposes.
ANIPA. Marsden, D. ; Wood-Gush, D.G.M. Neston, South Wirral, England : British Society of Animal Production. Animal production. Feb 1986. v. 42 (pt.1). p. 157-159. Includes references. (NAL Call No.: DNAL 49 AN55).

0135
Observations on the effect of electric fencing on coyotes and other wildlife.
Shelton, M. College Station, Tex. : Texas Agricultural Experiment Station. Sheep and goat, wool and mohair. 1981. p. 5-8. ill. Includes references. (NAL Call No.: DNAL SF375.4.T4S43).

0136
The one-day chalet (Goats, housing).
Thiel, A. Waterloo : Countryside Publications. Dairy goat guide. Aug 1983. v. 6 (8). p. 16-17. ill. (NAL Call No.: SF380.D25).

0137
The Ottawa plastic metabolism cage for sheep.
Ivan, M. ; Hidiroglou, M. Ottawa, Agricultural Institute of Canada. Canadian journal of animal science. June 1980. v. 60 (2). p. 539-541. ill. 2 ref. (NAL Call No.: 41.8 C163).

0138
A portable confinement unit for swine (and sheep, cages).
Terris, J.M.LBASA. ; Simmonds, R.C. Joliet : American Association for Laboratory Animal Science. Laboratory animal science. Aug 1982. v. 32 (4). p. 410-411. ill. 4 ref. (NAL Call No.: 410.9 P94).

0139
Portable convenience (Goat barn).
Grilli, L. Waterloo : Countryside Publications. Dairy goat guide. Aug 1983. v. 6 (8). p. 12-13. ill. (NAL Call No.: SF380.D25).

0140
Portable dipping vat for sheep.
Washington, D.C. : U.S. Dept. of Agriculture, 1968. "Issued October 1968."~ "Cooperative farm building plan exchange, plan no. 5999.". 1 sheet (2 p.) : ill., plans ; 27 cm. (NAL Call No.: DNAL 1 Ag84M no.1103).

0141
Portable self-feeder for sheep.
Washington, D.C. : U.S. Dept. of Agriculture, 1961. "Issued December 1961."~ "Cooperative farm building plan exchange, plan no. 5914.". 1 sheet (2 p.) : ill., plans ; 28 cm. (NAL Call No.: DNAL 1 Ag84M no.886).

0142
Power fencing--uses & applications (Cattle, horses, sheep, swine).
Snell, A.L. Clovis, Calif., Agriservices Foundation. Dairy science handbook. 1981. v. 14. p. 101-107. ill. (NAL Call No.: SF221.D335).

0143
Production subunits (Sheep production, fencing, mechanization, Kazakh SSR).
Minbaev, R.A. Moskva, "Kolos". Ovtsevodstvo. Apr 1980. Apr 1980. (4). p. 26-28. ill. (NAL Call No.: 45.8 OV72).

0144
Productivity in ewe milking parlors: influence of milking machine and installation size. Etude de la produtivite en salle de traite pour brebis: incidence du trayeur de la race et de la taille de l'installation. French.
Le Du, J. ; Combaud, J.F.-Lambion, P.-Dano, Y. Valladolid : Sever-Cuesta. 1984. III Symposium Internacional de Ordeno Mecanico de Pequenos Ruminantes : Valladolid (Espana), Mayo 1983 / edita: Comite Espanol III Symposium Internacional de Ordeno Mecanico de Pequenos Rumiantes. Paper presented at the "3rd International Symposium on Machine Milking of Small Ruminants," May 1983, Valladolid, Spain. p. 303-314. Includes references. (NAL Call No.: DNAL SF249.S9 1983).

0145
Productivity of a milker in two small sized milking parlours for ewes. Productivites horaires du trayeur dans deux installations de traite de petites dimensions pour brebis laitieres. French.
AZOOA. Le Du, J. Paris : Institut National de la Recherche Agronomique. Annales de zootechnie. 1986. v. 35 (2). p. 161-171. Includes references. (NAL Call No.: DNAL 49 F84).

0146
Quality sheep housing.
Ferguson, I.B. Aberdeen, Scottish Farm Buildings Investigation Unit. Farm building progress. July 1982. July 1982. (69). p. 5-6. ill. (NAL Call No.: TH4911.F37).

0147
Raised shearing boards (Sheep).
Brien, F. Melbourne, The Department. Agnotes - Melbourne, Dept. of Agriculture. Feb 1979. Feb 1979. (397/79). 2 p. ill. (NAL Call No.: S3.A36).

0148
Raising a small flock of sheep in Ohio.
Miskell, David R. ; Acker, Darrell L. 1980. Document available from: Ext. Office of Information, Ohio State University, 2120 Fyffe Road, Columbus, OH 43210. 12 p. : ill. (NAL Call No.: Not available at NAL.).(NAL Call No.: 654).
This publication discusses small flock management, including selection, housing, equipment, forages, nutrition, and health. It also includes tables on cost and illustrations for building equipment.

0149
Raising a small flock of sheep (Selection, feeding, housing).
Miskell, D.R. ; Acker, D.L.-Amos, R.L.-Brown, J.P.-Calhoun, C.-Hartwig, N.R.-Lyon, W.F.-Miller, R.A.-Myers, D.K.-Shaudys, E.T. Columbus, The Service, Bulletin - Ohio State University, Cooperative Extension Service. Aug 1979. Aug 1979. (654). 12 p. ill. 6 ref. (NAL Call No.: 275.29 OH32).

0150
Raising sheep in total confinement and how to make it succeed.
Chalmers, L. Sacramento, Calif. : Spilman Press. Sheep and goat handbook. 1987. v. 5. p. 222-228. (NAL Call No.: DNAL SF371.S43).

0151
Rationalization of working and living conditions for sheep collectives by the improvement of sheep housing. Durch rationalisierung der Schafstallanlage Verbesserung der Arbeits- und Lebensbedingungen des Schaferkollektivs. GERMAN.
Schiefke, F. ; Schumacher, A.-Rohr, A. Berlin, Akademie der Landwirtschaftswissenschaften der DDR. Tierzucht. July 1980. v. 34 (7). p. 304-305. ill. (NAL Call No.: 49 T443).

0152
Recent trends in intensive sheep husbandry (Housing).
Sainsbury, D.W.B. Bristol : John Wright & Sons. The Veterinary annual. 1983. v. 23. p. 109-115. ill. Includes references. (NAL Call No.: 41.8 V6456).

0153
Reproductive performance of Finnish Landrace and Suffolk sheep maintained indoors year-round.
JANSAG. Hackett, A.J. ; Wolynetz, M.S. Champaign, Ill. : American Society of Animal Science. Journal of animal science. Feb 1985. v. 60 (2). p. 334-341. Includes references. (NAL Call No.: DNAL 49 J82).

0154
Reserves for increasing the quality of sheep farm designing (Buildings, mechanization, USSR).
Asymbekov, U.U. ; Blagov, V.I.-Alekseev, IU.A. Moskva, "Kolos". Ovtsevodstvo. Jan 1981. Jan 1981. (1). p. 35-36. (NAL Call No.: 45.8 OV72).

0155
The role of barn climate for high rearing results and fattening performances in industrial lamb fattening. Die Rolle des Stallklimas fur hohe Aufzuchtergebnisse und Mastleistungen in der industriemassigen Lammermast. GERMAN.
Paar, G. Berlin, Akademie der Landwirtschaftswissenschaften der DDR.

Tierzucht. Oct 1980. v. 34 (10). p. 475-477. ill. (NAL Call No.: 49 T443).

0156
Roofless units for cattle and sheep.
Watson, G.A.L. Aberdeen : Scottish Farm Buildings Investigation Unit. Farm building progress. Oct 1982. Oct 1982. (70). p. 17-21. ill. (NAL Call No.: TH4911.F37).

0157
Sanitation: the first step to healthy animals (Dairy goats, feeding, housing, disinfection).
Hall, A. Waterloo : Countryside Publications. Dairy goat guide. Nov 1982. v. 5 (11). p. 16-18. (NAL Call No.: SF380.D25).

0158
Self-feeder for sheep, type "A".
Washington, D.C. : U.S. Dept. of Agriculture, 1959. "Issued October 1959."- "Cooperative farm building plan exchange, plan no. 5861.". 1 sheet : ill. ; 26 cm. (NAL Call No.: DNAL 1 Ag84M no.803).

0159
Semi-confinement sheep production.
Hulet, C.V. ; Tueller, T.~Knight, A.D. Clovis, Calif., Agriservices Foundation. Sheep & goat handbook. 1980. v. 1. p. 332-340. 11 ref. (NAL Call No.: SF371.S43).

0160
Shearing shed corralfor sheep.
Washington, D.C. : U.S. Dept. of Agriculture, Agricultural Research Service, 1971. "Cooperative farm building plan exchange, plan no. 6096.". 1 sheet (2 p.) : ill., plans ; 28 cm. (NAL Call No.: DNAL 1 Ag84M no.1210).

0161
Shearing shed design (for shearing wool from sheep).
Barber, A. Sydney, Pacific Publications (Aust.). Power farming magazine. Oct 1980. v. 89 (10). p. 33, 35, 37. ill. (NAL Call No.: 58.8 P87).

0162
Shearing shed plans and case studies (Removal of wool from sheep).
Barber, A. Sydney, Pacific Publications (Aust.). Power farming magazine. Nov 1980. v. 89 (11). p. 30-31, 33. ill. (NAL Call No.: 58.8 P87).

0163
Shearing sheds and sheep dips for small farms. Types and specifications.
Weston, L.H. Wellington, New Zealand , Information Services, MAF. Farm production & practice - Ministry of Agriculture and Fisheries, Economics Division. 1980. 1980. (457). 2 p. ill. (NAL Call No.: S478.5.A1F3).

0164
Sheep.
Williams, H.L. London : Bailliere Tindall, 1988. Management and welfare of farm animals. p. 81-124. ill. Includes references. (NAL Call No.: DNAL SF61.M35 1988).

0165
Sheep and cattle handling facilities.
Hutson, G.D. Indooroopilly, QLD : Australian Veterinary Association (Queensland Division), 1985 . Grazing Animal Welfare Symposium : proceedings of a symposium held at the Bardon Professional Development Centre, Brisbane, on April 26th and 27th, 1985 / editors: Brian L. Moore and Peter J. Chenoweth . p. 124-136. ill. Includes references. (NAL Call No.: DNAL SF85.4.A9G72 1985).

0166
Sheep and lambing shed / developed by Agricultural Engineering Research Division, Animal Husbandry Research Division, Agricultural Research Service .
Washington, D.C. : U.S. Dept. of Agriculture, 1962. "Issued February 1962."- "Cooperative farm building plan exchange, plan no. 5919.". 1 sheet (2 p.) : ill., plans ; 28 cm. (NAL Call No.: DNAL 1 Ag84M no.891).

0167
Sheep chair / Agricultural Engineering Research Division, Agricultural Research Service .
Washington, D.C. : U.S. Dept. of Agriculture, 1969. "Issued March 1969."- "Cooperative farm building plan exchange, plan no. 6047.". 1 sheet (2 p.) : ill., plans ; 27 cm. (NAL Call No.: DNAL 1 Ag84M no.1123).

0168
Sheep corral for 250 head / Agricultural Engineering Research Division, Agricultural Research Service .
Washington, D.C. : U.S. Dept. of Agriculture, 1969. "Issued May 1969."- "Cooperative farm building plan exchange, plan no. 6043.". 1 sheet (2 p.) : ill., plans ; 27 cm. (NAL Call No.: DNAL 1 Ag84M no.1139).

0169
Sheep, everything about housing, care, feeding, and sicknesses ... /Hans Alfred Muller ; with color photographs by eminent animal photographers and drawings by Gunther Marks ; translated from the German by Rita and Robert Kimber ; consulting editor Paula Simmons.
Muller, Hans Alfred. New York : Barrons's, c1989. Cover title: Sheep, a complete owner's manual.- "With a special chapter: understanding sheep"--Cover.- Includes index. 63 p. : ill. (some col.) ; 20 cm. Bibliography: p. 60. (NAL Call No.: DNAL SF375.M8413).

0170
Sheep facilities and flock management at MARC.
Wallace, M.H. ; Ross, G.S.~Anderson, R.B.~Reutzel, C.D. Beltsville, Md. : The Service. ARS - United States Department of Agriculture, Agricultural Research Service. In subseries: Sheep Research Program. Progress Report No. 3. Nov 1987. (68). p. 1-2. (NAL Call No.: DNAL

aS21.R44A7).

0171
Sheep feeder and lamb shelter.
Washington, D.C. : U.S. Dept. of Agriculture, 1961. "Issued October 1961."~ "Cooperative farm buildings farm exchange, plan no. 5905.". 1 sheet (2 p.) : ill., plans ; 28 cm. (NAL Call No.: DNAL 1 Ag84M no.878).

0172
Sheep feeders.
Washington, D.C. : U.S. Dept. of Agriculture, 1961. "Issued November 1961."~ "Cooperative farm building plan exchange, plan no. 5913.". 1 sheet (2 p.) : ill., plans ; 28 cm. (NAL Call No.: DNAL 1 Ag84M no.885).

0173
Sheep handling and facilities.
Grandin, T. Boulder, Colo. : Westview Press. Sheep and goat handbook. 1984. v. 4. p. 399-412. ill. Includes references. (NAL Call No.: SF371.S43).

0174
Sheep handling and feeding facilities at Carlophill (Scotland).
Harper, A.D. Aberdeen : Scottish Farm Buildings Investigation Unit. Farm building progress. Oct 1982. Oct 1982. (70). p. 27-28. ill. (NAL Call No.: TH4911.F37).

0175
Sheep housing--its justification. 1.
McGaugney, S.J. Belfast, Her Majesty's Stationery Office. Agriculture in Northern Ireland. Feb 1982. v. 56 (10). p. 309-311. ill. (NAL Call No.: 256.13 AG82M).

0176
Sheep housing and equipment handbook. -.
Ames, Iowa Midwest Plan Service, Iowa State University 1982. Cover title ~"Prepared under the direction of the Sheep Housing Subcommittee of the Midwest Plan Service"--Verso t.p ~"MWPS-3. ~Includes index. 116 p. : ill. ; 28 cm. (NAL Call No.: SF375.8.S43 1982).

0177
Sheep housing and health (Design of buildings).
Linklater, K.A. ; Watson, G.A.L. London : British Veterinary Association. The Veterinary record. Dec 10, 1983. v. 113 (24). p. 560-564. ill. Includes references. (NAL Call No.: 41.8 V641).

0178
The sheep housing handbook /by Tom Bryson. --.
Bryson, Tom. Ipswich, Suffolk, England : Farming Press, 1984. 153 p. : ill. ; 22 cm. Includes bibliographies and index. (NAL Call No.: DNAL SF371.52.G7B7).

0179
Sheep pens and plastic cover (Animal housing). Bergeries et couverture plastique. French.
Fachard, D. Lille, France : (s.n.). Cultivar. Jan 1984. Jan 1984. (168). p. 133, 135. (NAL Call No.: SB183.C8).

0180
Sheep production. Schafhaltung Hygiene und Erkrankungen /herausgegeben von Ilona Marx ; bearbeitet von E.-D. Drehkopf ... et al. . German.
; Marx, Ilona.-Drehkopf, E.-D. Jena : G. Fischer, 1987. Includes index. 202 p. : ill. ; 20 cm. Bibliography: p. 189 -192. (NAL Call No.: DNAL SF968.S3 1987).

0181
Sheep production in drylot confinement.
Haugen, Roger G. ; Light, Merle R.~Faller, Timothy, C. 1980. Document available from: Dept. of Ag. Communications, North Dakota State Univ., Fargo, ND 58105. 8 p. (NAL Call No.: Not available at NAL.).(NAL Call No.: AS 700).
This publication includes tables on prolificacy, nutrition requirements, space allotments, and comparison of interest and depreciation costs of ewes.

0182
Sheep rack for rationalization of sheep farming.
Schafraufe--Rationalisierungsmittel fur die Tierproduktion. German.
TIZUA. Kahne, B. Berlin, E. Ger. : Akademie der Landwirtschaftswissenschaften der DDR. Tierzucht. 1985. v. 39 (7). p. 318-319. ill. (NAL Call No.: DNAL 49 T443).

0183
Sheep shed.
Washington, D.C. : U.S. Dept. of Agriculture, 1961. "Issued May 1961."~ "Cooperative farm building plan exchange, plan no. 5874.". 1 sheet (2 p.) : ill., plans ; 28 cm. (NAL Call No.: DNAL 1 Ag84M no.848).

0184
Sheep shed insulation and winter shearing (Iceland). Einangrun fjarhusa og vetrarruningur. Icelandic.
Einarsson, G. Reykjavbik : Rbikisprentsmi Jan Gutenberg. Bunadarrit. 1983. v. 96. p. 436-442. Includes references. (NAL Call No.: 11 B88).

0185
Sheep shelters and equipment for southern states /compiled by the Agricultural Research Service and the Federal Extension Service, U.S. Dept. of Agriculture, in cooperation with the agricultural engineering departments and the cooperative extension services in agriculture and home economics ... colleges and universities ... in the southern region.
Washington, D.C. : U.S. Dept. of Agriculture, 1955. 16 p. : ill., plans ; 24 x 30 cm. (NAL Call No.: DNAL 1 Ag84Ah no.90).

0186
Sheep space allotments.
Doane, Ted H. 1979. Document available from: Dept. of Ag. Communications, Univ. of Nebraska, Lincoln, NE 61801. 1 sheet : ill. (NAL Call No.: G79-453).
This includes an illustration for a building, and a table of space required for housing, feed, and water for breeding ewes and feeder lambs.

0187
Sheep yards for small farms. Types and specifications.
Weston, L.H. Wellington, New Zealand , Information Services, MAF. Farm production & practice - Ministry of Agriculture and Fisheries, Economics Division. 1980. 1980. (443). 2 p. ill. (NAL Call No.: S478.5.A1F3).

0188
A Shelter for sheep (using plastic film) / developed by Animal Husbandry Research Division, Agricultural Engineering Research Division .
Washington, D.C. : U.S. Dept. of Agriculture, 1962. "Issued February 1962."- "Cooperative farm building plan exchange, plan no. 5926.". 1 sheet (2 p.) : ill., plans ; 28 cm. (NAL Call No.: DNAL 1 Ag84M no.894).

0189
Shelter for stock protection on farms.
Marshall, J.K. Western Australia? : Australian Society of Animal Production, W.A. Branch?, 1982? . Proceedings of a seminar on losses of sheep after shearing due to adverse weather : Darkan, Western Australia, July 1982 / editors, S.K. Baker, H.M. Chapman, I.H. Williams. p. 20-22. Includes references. (NAL Call No.: DNAL SF379.P72).

0190
Shelter of stock ; Exercise versus nonexercise of stock ; Early versus late irrigation / J.W. Sanborn .
Sanborn, J. W. Logan : Utah Agricultural College Experiment Station, 1893. Cover title. 14 p. ; 22 cm. (NAL Call No.: DNAL 100 Ut1 (1) no.23).

0191
Slat-covered floors (for sheep and swine). Los suelos enrejillados. SPANISH.
Madrid, Editorial Tecnica Espanola. Espana ganadera. Feb 1979. Feb 1979. (57). p. 43-45, 47, 49, 51-52. ill. (NAL Call No.: SF191.E8).

0192
Slatted floors for sheep in western Oregon.
Leffel, J.A. Corvallis, Or., The Station. Special report - Agricultural Experiment Station, Oregon State University.Oregon. Agricultural Experiment Station. Apr 1980. Apr 1980. (578). p. 23-32. ill. (NAL Call No.: 100 OR3M).

0193
Slatted sheep house in West Lothian (Scotland).
Morrison, M. Aberdeen, Scottish Farm Buildings Investigation Unit. Farm building progress. July 1982. July 1982. (69). p. 3-4. ill. (NAL Call No.: TH4911.F37).

0194
Slide-swing gates in shearing sheds and sheep yards.
Brien, F. Melbourne, The Department. Agnotes - Melbourne, Dept. of Agriculture. Mar 1980. Mar 1980. (1021/80). 3 p. ill. (NAL Call No.: S3.A36).

0195
Solutions for dog problems (Goat protection, fencing).
Scaroni, C. ; Kearley, D.-deBoer, V.-Johnson, B. Waterloo : Countryside Publications. Dairy goat guide. July 1983. v. 6 (7). p. 9-12. ill. (NAL Call No.: SF380.D25).

0196
Spacing behaviour of sheep in pens (Designing of sheep-holding pens).
Hutson, G.D. Amsterdam : Elsevier. Applied animal behaviour science. Mar 1984. v. 12 (1/2). p. 111-119. ill. Includes references. (NAL Call No.: QL750.A6).

0197
Stocking rate of lambs housed on slatted stalls during intensive fattening. Studium hustoty obsadenia jahniat v intenzivnom vykeme ustajnenych na rostovom stojisku. Slovak.
Fabo, J. Bratislava : Priroda. Vedecke prace Vyskumneho ustavu ovciarskeho v Trencine. 1982. v. 11. p. 131-139. ill. Includes references. (NAL Call No.: 45.9 T72).

0198
Studies on some economic traits of Alpine, Beetal and Alpine X Beetal cross-bred goats under stall-fed conditions (Milk yield).
Gupta, S.C. ; Gill, G.S. Madras : Indian Veterinary Association. Indian veterinary journal. Nov 1983. v. 60 (11). p. 944-945. Includes references. (NAL Call No.: 41.8 IN2).

0199
Studies on the shearing of housed pregnant ewes.
ANIPA. Russel, A.J.F. ; Armstrong, R.H.-White, I.R. Neston, South Wirral, England : British Society of Animal Production. Animal production. Feb 1985. v. 40 (pt.1). p. 47-53. ill. Includes references. (NAL Call No.: DNAL 49 AN55).

0200
Study of functional parameters of industrial-type housing for pregnant sheep. Studiul parametrilor functionali la un adapost de tip industrial pentru oi gestante.
Cucu, I. ; Sofronie, E.-Vacaru, V. Iasi, (s.n.). Lucrari stiintifice. Seria

Zootehnie Medicina veterinara. 1979. v. 23. p. 55-56. ill. 3 ref. (NAL Call No.: SF695.R615).

0201
Technical progress (Sheep farming, buildings, mechanization, Siberia, USSR-in-Asia).
Kuzovlev, A.P. Moskva, "Kolos". Dvtsevodstvo. Jan 1981. Jan 1981. (1). p. 14-16. (NAL Call No.: 45.8 DV72).

0202
Temperature controlled multiple chamber indirect calorimeter-design and operation.
TAAEA. Nienaber, J.A. ; Maddy, A.L. St. Joseph, Mich. : The Society. Transactions of the ASAE - American Society of Agricultural Engineers. Mar/Apr 1985. v. 28 (2). p. 555-560. ill. Includes references. (NAL Call No.: DNAL 290.9 AM32T).

0203
Three-way cutting gates for sheep.
Washington, D.C. : U.S. Dept. of Agriculture, 1959. "Issued October 1959."- "Cooperative farm building plan exchange, plan no. 5859.". 1 sheet ill. ; 26 cm. (NAL Call No.: DNAL 1 Ag84M no.807).

0204
Tipping chutes for getting sheep away (from the shearing board).
Brien, F. Melbourne, The Department. Agnotes - Melbourne, Dept. of Agriculture. Feb 1979. Feb 1979. (390/79). 3 p. ill. (NAL Call No.: S3.A36).

0205
A trap for sheep and cattle (Australia).
Dunlop, L. Brisbane, Department of Primary Industries. Queensland agricultural journal. May/June 1981. v. 107 (3). p. 127-128. ill. (NAL Call No.: 23 Q33).

0206
Trap yards for feral goats.
Niven, D.R. Brisbane, Department of Primary Industries. Queensland agricultural journal. May/June 1980. v. 106 (3). p. 209-210. ill. (NAL Call No.: 23 Q33).

0207
Turn existing buildings into bucks with sheep.
Henderson, P.C. Philadelphia : The Journal. Farm journal. May 1986. v. 110 (8). p. 27-28. ill. (NAL Call No.: DNAL 6 F2212).

0208
Two views of sheep housing.
Hart, E. ; Hollinshead, P. London, Morgan-Grampian. Livestock farming. May 1980. v. 18 (5). p. 64, 66. ill. (NAL Call No.: 43.8 B392).

0209
Two years' experience with a catching pen and processing corridor for sheep (Disease, parasite and pest control, separation into groups, Nethe ands). Twee jaar ervaring met vangko en behandelgang voor schapen.
Ruiter, T. Den Haag, Ministerie van Landbouw en Visserij. Bedrijfsontwikkeling. Dec 1980. v. 11 (12). p. 1152-1154. ill. (NAL Call No.: S11.B43).

0210
Type evaluaton Dairy goats .
Considine, H. Newark, Del. Cooperative Extension Service, University of Delaware, 1984. Goat extension handbook / George F.W. Haenlein, Donald L. Ace, editors. F-2. 9 p. ill. (NAL Call No.: DNAL SF383.G58).

0211
Ulike typer sauehus, spesielt med tanke pa arbeidsmiljDet = Different types of sheep houses, especially with the view of labour environment / av Harald Lilleng og Lars A. Gulden. -. Norwegian.
Lilleng, Harald. As (Norway) Norges landbruksnDgskole 1980. Summary in English. 47 p. ; 21 cm. --. Bibliography: p. 46-47. (NAL Call No.: 49.9 N76M no.103).

0212
The use of conventional and electric fencing to reduce coyote predation on sheep and goats.
TAEMA. Shelton, M. College Station, Tex. : The Station. Miscellaneous publication MP - Texas Agricultural Experiment Station. Sept 1984. (1556). 12 p. ill. Includes references. (NAL Call No.: DNAL 100 T31M).

0213
Use of lambing cubicles and the behavior of ewes at parturition.
Gonyou, H.W.JANSA. ; Stookey, J.M. Champaign : American Society of Animal Science. Journal of animal science. Apr 1983. v. 56 (4). p. 787-791. ill. Includes references. (NAL Call No.: 49 J82).

0214
Use of thermal generators for the heating and ventilation of sheep pens (Western Siberia, USSR). RUSSIAN.
Lebedev, P.T. ; Terletskii, V.Z. Moskva, "Kolos". Veterinariia. Jan 1980. Jan 1980. (1). p. 19-21. (NAL Call No.: 41.8 V6426).

0215
Variable-height loading chute for sheep.
Washington, D.C. : U.S. Dept. of Agriculture, 1962. "Issued January 1962."- "Cooperative farm building plan exchange, plan no. 5924.". 1 sheet (2 p.) : ill., plans ; 28 cm. (NAL Call No.: DNAL 1 Ag84M no.888).

0216
Washing lambs and confinement as aids to fostering.
Alexander, G. ; Stevens, D.~Bradley, L.R. Amsterdam : Elsevier North-Holland. Developments in animal and veterinary sciences. 1985. v. 18. p. 159-169. Includes 10 references. (NAL Call No.: DNAL QL1.D48).

0217
Weighing crate for sheep.
Washington, D.C. : U.S. Dept. of Agriculture, 1961. "Issued September 1961."~ "Cooperative farm building plan exchange, plan no. 5877.". 1 sheet (2 p.) : ill., plans ; 28 cm. (NAL Call No.: DNAL 1 Ag84M no.873).

0218
Welfare requirements of handling facilities (Cattle, pigs, sheep).
Grandin, T.CTVSD. The Hague : Martinus Nijhoff. Current topics in veterinary medicine and animal science. 1983. Paper presented at the Seminar on Farm Animal Housing and Welfare, Aberdeen, July 28-30, 1982 ~Literature review. v. 24. p. 137-149. ill. Includes references. (NAL Call No.: SF600.C82).

0219
Wind, shelter-type and lambing location.
Dixon, J.E. ; Parker, C.F.~LeaMaster, B.~Olson, D.P. St. Joseph, Mich. : The Society. American Society of Agricultural Engineers (Microfiche collection). Paper presented at the 1985 Winter Meeting of the American Society of Agricultural Engineers. Available for purchase from: The American Society of Agricultural Engineers, Order Dept., 2950 Niles Road, St. Joseph, Michigan 49085. Telephone the Order Dept. at (616) 429-0300 for information and prices. 1985. (fiche no. 85-4521). 10 p. Includes references. (NAL Call No.: DNAL FICHE S-72).

0220
Wintering lowland ewes. 2. (Housing, construction, floors, costs).
Wilson, J.K. Belfast, Her Majesty's Stationery Office. Agriculture in Northern Ireland. Feb 1980. v. 54 (10). p. 282-286. ill. (NAL Call No.: 256.13 AG82M).

0221
Wintering lowland ewes. 3. (Feeding, housing management).
Wilson, J.K. Belfast, Her Majesty's Stationery Office. Agriculture in Northern Ireland. Mar 1980. v. 54 (11). p. 312-316. ill. (NAL Call No.: 256.13 AG82M).

0222
Wool yield, liveweight and skin structure of Finnish Landrace sheep as affected by preparation runite. RUSSIAN.
Lashmanov, A.M. Dubrovitsy, Institut. Biulleten' nauchnykh rabot - Vsesoiuznyi nauchno-issledovatel'skii institut zhivotnovodstva.Vsesoiuznyi nauchno-issledovatel'skii institut zhivotnovodstva. 1978. 1978. (55). p. 89-93. ill. (NAL Call No.: SF1.V73).

0223
Would Javan goat and sheep houses be useful in Nigeria?.
Gatenby, R.M. ; Handayani, S.W. Wageningen : Pudoc, 1988. Goat production in the humid tropics : proceedings of a workshop at the University of Ife, Ile-Ife, Nigeria, 20-24 July 1987 / O.B. Smith and H.G. Bosman (Eds). p. 170-173. ill. Includes references. (NAL Call No.: DNAL SF380.3.G63).

0224
Zoohygenic evaluation of the main types of sheep sheds in the southern Ukraine. Ukrainian.
Hov'iadin, V.H.OVTSA. Kiev : "Urozhai". Ovtsevodstvo. 1978. 1978. (17). p. 106-111. Includes references. (NAL Call No.: SF371.09).

0225
Zoohygiene-parameters in various types of sheep buildings (Microclimate, sanitation). Bulgarian.
Nenov, TS. ; Netsov, N.~Stoyanchev, T. Sofiia, Natsionalen agrarno-promishlen suiuz. Veterinarno-meditsinski nauki = Veterinary science. 1981. v. 18 (3). p. 53-58. Includes 4 ref. (NAL Call No.: 41.8 V6468).

0226
Zootechnical parameters and norms of technological planning of sheep husbandry farms. Ukrainian.
Tkachova, N.N. ; Kuts, H.A. Kiev, : "Urozhai". Ovtsevodstvo. 1980. 1980. (19). p. 84-86. (NAL Call No.: SF371.09).

AAAHA. 73
Ace, D.L. 119
Ace, Donald L. 61
Acker, D.L.-Amos, R.L.-Brown, J.P.-Calhoun, C.-Hartwig, N.R.-Lyon, W.F.-Miller, R.A.-Myers, D.K.-Shaudys, E.T. 149
Acker, Darrell L. 148
Ademosun, A.A.-Roessen, P.L.-Huijsman, A. 99
Ahaus, K.-Bohme, K.-Dunger, B. 125
Alekseev, IU.A. 91
Alexander, G. 216
Alexandre, G. 63
ANIPA. 44, 134, 199
Appleman, R.D. 77
Armstrong, R.H.-White, I.R. 199
Arranz, J.-Caja, G.-Torres, A.-Gallego, L. 13
Asymbekov, U.U. 154
AXVMA. 43, 50, 124
AZODA. 63, 145
Baditoiu, N. 56
Balda Medarde, I. 106
Barber, A. 161, 162
Barber, A.A. 32
Benmeqerbel, B.-Dano, Y.-Combaud, J.F.-Tessonniere, R. 14
Bernal, A.A. 3
Blagov, V.I. 91
Blagov, V.I.-Alekseev, IU.A. 154
Boe, Knut. 79
Bosman, H.G. 99
Bowman, P.J. 55
Brien, F. 60, 147, 194, 204
Brown, D.E. 7
Bruce, J.M. 29, 127
Bryson, Tom. 178
Brzezinska, E.-Dulewicz, R. 118
Burlibaev, IAkhiia Dzhumabaevich 28
Butakov, S.IA. 39
Carlson, J.L. 74
Chalmers, L. 38, 150
Chavarri Mardones, J.B.-Domenech Garcia, J.M. 106
Chiou, Peter Wen-Shyg.- 1940- 54
Christopherson, R.J. 110
Combaud, J.F.-Lambion, P.-Dano, Y. 144
Congiu, F. 48
Considine, H. 210
CTVSD. 98
Cucu, I. 200
Dattilo, M. 48
De Montis, S. 113
Dixon, J.E. 219
Doane, Ted H. 186
Dombrowski, D.-Hinds, F.C. 7
Done-Currie, J.R. 9
Drache, H.M. 25
Dunlop, L. 205
Eidman, K. 5
Einarsson, G. 184
El-Shishiny, H. 122
Esplin, Alma C. 40
Ewer, T.K. 2
Fabo, J. 115, 197
Fachard, O. 179
Facsar, I.-Molnar, P. 18
Fejda, J. 129
Ferguson, I.B. 146
Fernandez, N. 13
Flanagan, S. 112
Freeman, R. B. 32
Garcia, W. 71
Gatenby, R.M. 223
Gebhardt, D. 126
Giger, S. 20
Gill, G.S. 198
Gonyou, H.W. B. 47
Gonyou, H.W.-JANSA. 213
Goranov, I. 97
Grandin, T. 104, 105, 173
Grandin, T.-CTVSD. 218
Grilli, L. 139
Grman, J. 129
Gupta, S.C. 198
Gurley, D.K. 107
Gushchin, V. N.- Vladimir Nikolaevich. 88
Gushchin, V.N.-VETNA. 59
Hackett, A.J. 67, 153
Hackett, A.J.-CJCMA. 45
Hahn, G.L. 82, 111, 121
Hahn, G.L.-Nienaber, J.A. 46
Hall, A. 157
Handayani, S.W. 223
Haraszti, E.-ALTZA. 18
Hargreaves, G. 92
Harper, A.D. 128, 174
Hart, E. 208
Hatziminaoglou, J. 12
Haugen, Roger G. 181
Hecker, J.F.-Wodzicka-Tomaszewska, M. S
Heft, M. 87
Hembry, F.G.-Humes, P.E.-Williams, J.C. 19
Henderson, P.C. 207
Hervieu, J. 20
Hidiroglou, M. 137
Hoffmann, A.-Richter, P.-Schneider, J. 124
Hollinshead, P. 208
Holmes, N. 133
Horbatowska, S. 117
Horlova, C.D.-Povarnina, T.D.-Shevchuk, M.P.-Makinian, R.IE. 41
Horvath, M. 131
Hovhadin, V.H.-OVTSA. 224
Hulet, C.V. 159
Huncik, M. 95
Hutson, G.D. 165, 196
IAroshenko, V.N. 15
Ivan, M. 137
James, K. 64
JANSAG. 47, 62, 67, 153
Jenkins, T.G. 62
Johnstone, K. 128
Jones, L.T. 24
Jordan, D.J. 52
Kahne, B. 182
Kearley, D.-deBoer, V.-Johnson, B. 195
Kellam, A.L. 19
Kilduff, J. 96
King, M.E.-Inglis, D.M.-Hunter, E.A. 44
Kuran, J. 42
Kuts, H.A. 226
Kuzovlev, A.P. 201
La Chevalerie, F.A. de-Combaud, J.F.-Lambion, P. 49
Lashmanov, A.M. 222
Lawrence, A.B. 98
Le du, J. 14, 49, 144, 145
Lebedev, P.T. 214
Leffel, J.A. 192
Levy, F. 63
Lewis, J.M. 94
Leymaster, K.A. 62
Light, Merle R.-Faller, Timothy, C. 181
Lilleng, H. 83
Lilleng, Harald. 100, 211
Limesand, W. 36
Linhart, S.B. 53
Linklater, K.A. 177
Llinas, D.F.-Caffarena, J.S. 3
Loza A.R. 132
Lunney, D.C. 108

Lyngstrand, P. 1
MacFarlane, W.V. 85
Maddy, A.L. 202
Mansour, H.-Galal, E.S.E. 122
Marsden, D. 134
Marshall, J.K. 189
Martin Diaz, J.L.-Jurado Garcia, J.J. 4
Martinez Garcia, P.F. 76
Marx, Ilona.-Drehkopf, E.-D. 180
McDonald, C.L. 73
McGaughery, S.J. 33
McGaugney, S.J. 175
Meiscnke, H.R.C. 31
Mennella, V.G. 29
Metcalfe, W. 90
Miller, A.J. 65
Minbaev, R.A. 143
Miskell, D.R. 149
Miskell, David R. 148
Moore, B.L. 31
Morrell, J. 68
Morrison, M. 193
Mowlem, A. 37, 70
Mukhlisulin, Sharafei Mukhlisovich. 28
Muller, Hans Alfred. 169
Nakev, S. 80
Nenov, TS. 225
Netsov, N.-Stoyanchev, T. 225
Nicolescu, I.-RCAND. 114
Nienaber, J.A. 202
Niven, D.R. 52, 206
Ochoanicky, D.-ZIVYA. 95
OVTSA. 41
Paar, G. 155
Parker, C.F.-LeaMaster, B.-Olson, D.P. 219
Pike, P.-Knazovicky, F. 42
Pisanu, M. 26, 113
Pistoia, A.-Berni, P. 27
Popescu, D.-LSAZA. 56
Possart, W. 125
Preusse, C. 124
Purroy Unanua, A. 4
Ransom, K. 11, 16, 123
Repa, J. 115, 116
Rieger, E. 43, 50
Roberts, J.D.-Dasch, G.J. 53
Robertson, A.M. 108
Robinson, T.W. 34
Ross, G.S.-Anderson, R.B.-Reutzel, C.D. 170
Ruiter, T. 209
Russel, A.J.F. 70, 199
Sainsbury, D.W.B. 152
Samoilyk, M.D. 132
Sanborn, J. W. 190
Scaroni, C. 195
Schanbacher, B.D. 46
Schenoni, P. 58
Schlefke, F. 151
Schroder, G.-Schmoldt, P. 43, 50
Schumacher, A.-Rohr, A. 151
Shelton, M. 135, 212
Simmonds, R.C. 138
Skrepets', V.I. 41
Slyter, A.L. 69
Snell, A.L. 142
Sofronie, E.-Vacaru, V. 200
Steevens, B. J.-Ricketts, Rex. 61
Stevens, D.-Bradley, L.R. 216
Stevens, D.G. 121
Stookey, J.M. 8, 94, 213
Stookey, J.M.-McNeal, L.G. 47
Suiter, R.J. 73
Sumberg, J.E.-WARVA. 102
Sundukov, A.I. 89
TAAEA. 202
TAEMA. 212
Terletskii, V.Z. 6, 214
Terris, J.M.-LBASA. 138
Thiel, A. 136
Thomas, D.L. 1
TIZUA. 182
Tkacnova, N.N. 226
Trimarchi, G. 27
Tuellier, T.-Knight, A.D. 159
Tveritin, A.V. 51
VEANA. 2
Vipono, J.E. 44
Volkov, G. K. 88
Wakefield, H.R. 35
Wallace, M.H. 170
Watson, G.A.L. 156, 177
Weston, L.H. 163, 187
Wickersham, T. 23
Williams, H.L. 164
Wilson, J.K. 109, 220, 221
Winnicki, S. 117, 118
Witz, R.L. 22
Wolynetz, M.S. 45, 67, 153
Wood-Gush, D.G.M. 98, 134
Wysel, D.A.-Fowler, D.G.-White, D.H. 55
YAKAA. 74
Zervas, N.-Sinapis, E.-Hatziminaoglou, P. 12
Zidon, J.-Light, M.R. 36
ZIVYA. 42

U.S. Department of Agriculture
National Agricultural Library
Beltsville, Maryland 20705

OFFICIAL BUSINESS
Penalty for Private Use, $300

Postage and Fees Paid
United States
Department of Agriculture
AGR-101